SAMSUNG ELECTRONICS

The New Generation of Network Surveillance Solution

ELVEY Security Technologies

The network camera from Samsung Electronics is
a high performance camera that allows surveillance through
networks anywhere in the world.
In addition, as a high resolution camera applying standard MPEG4 and
MJPEG compression algorithms,
it not only provides clear images in real time
but also ensures maximum compatibility.

High Resolution
High Technology

Samsung Electronics proudly presents NET-i™, a systematic, integrated and intelligent security solution, featuring best of breed technologies and Samsung's expertise in developing integrated solutions for security and surveillance related applications.

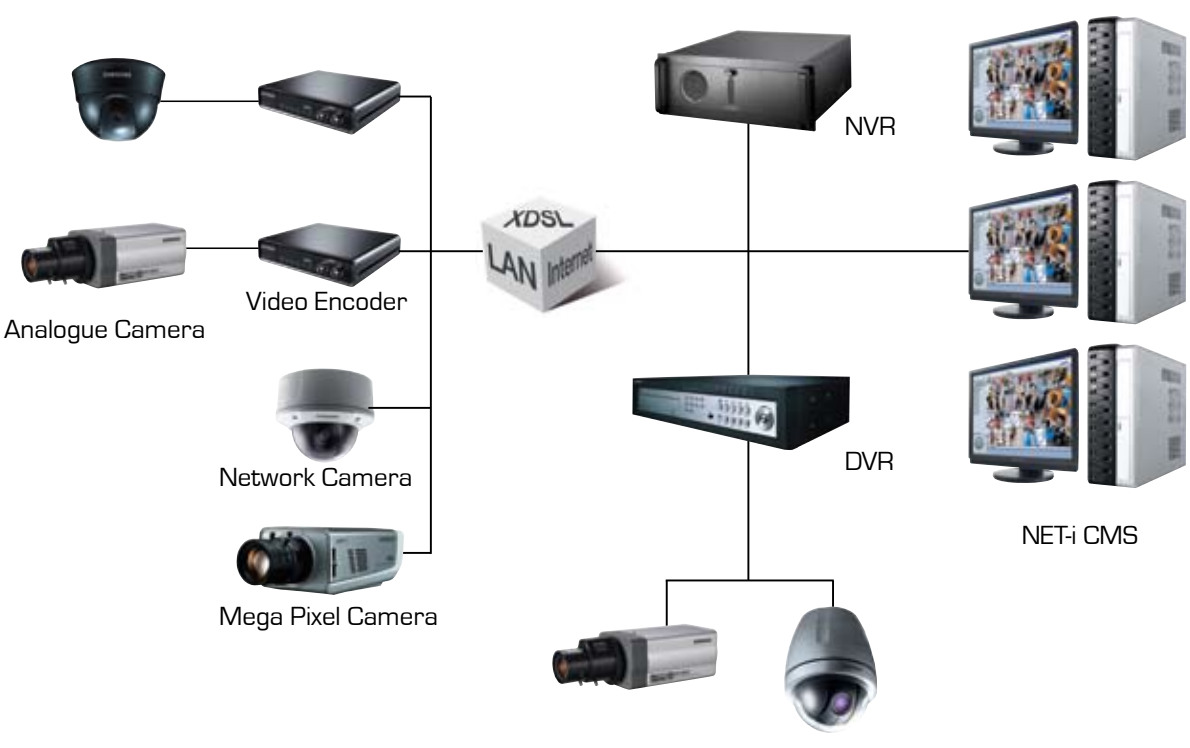
NET-i™ and its associated solution based packages, provide a balanced and well structured video management platform and has been developed by Samsung Electronics to offer a high degree of integration and intelligence to real time monitoring applications anywhere in the world.

Backed by a Leading Distributor of Electronic Security Equipment
Samsung is backed by Elvey Security Technologies. Established in 1946, the last 60 years of sustained growth have established Elvey as a leading distributor of electronic security equipment in sub-Saharan Africa.

Elvey is part of the JSE-listed Hudaco Industries Group which is proudly BBBEE (Broad Based Black Economic Empowerment) accredited. As a division of this Group, Elvey is able to provide a unqiue blend of domain expertise and expertise and exceptional service to its customers.

NET-i™

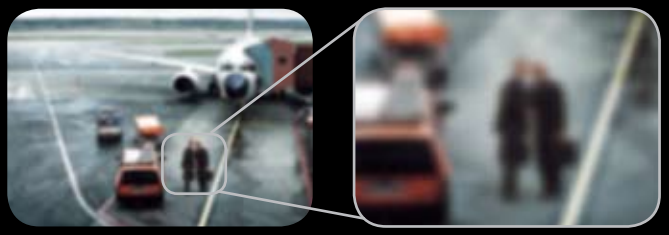
Configuration Diagram



SURPRISE Capability

+ High Resolution (SNC-B2315, SNC-B5395, SNT-1010)

Samsung network camera SNC-B2315, SNC-B5395, Video Encoder SNT-1010 with D1 high resolution provide clear, detailed and amazingly bright images for surveillance and security monitoring.



VGA (640 x 480)

D1 (720x576, 720x480)

+ 3 Mega Pixel Network Camera (SNC-M300)

Samsung network camera SNC-B2315, SNC-B5395, Video Encoder SNT-1010 with D1 high resolution provide clear, detailed and amazingly bright images for surveillance and security monitoring.

VGA (640 x 480)

3 Mega Pixel
(2048 x 1536)

+ Real time frame rates at D1 resolution (SNC-M300, SNC-B2315, SNC-B5395)

SNC-B2315, SNC-B5395, SNT-1010 adopted the high performance TI DaVinci DSP technology which provides real-time framerate of 25fps at D1 resolution. This ensures the SNC-B5395, SNT-1010 capture every event.

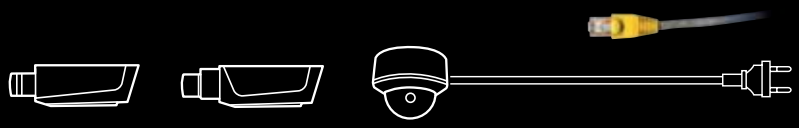
25 frames/sec @ D1 Resolution

Low framerate network camera

+ PoE (Power over Ethernet) (SNC-M300, SNC-B2315, SNC-B5395)

With built-in support for Power over Ethernet (PoE), the SNC-M300, SNC-B2315, SNC-B5395 Network camera can be powered through the network cable, simplifying installation. Also, Samsung Electronics network cameras offer three power choices, AC24V, DC12V or PoE, with automatic detection making installation fast and efficient.

Normal connectivity
Network cable and power line



PoE
Only network cable needed

+ Pre/Post Alarm Imaging Buffering (SNC-B2315, SNC-B5395, SNT-1010)

When events occur, built-in buffering memory will store pre and post alarm images. These images can be transmitted to FTP server, sent via Email or recorded onto the SD memory card. Maximum buffering duration is total 60 seconds. (When buffering 1ips) Maximum buffering image numbers are 5 images per second.

(* SNC-M300 : pre 3 sec, post 3 sec)

+ Dual Codec & Dual Streaming (SNC-M300, SNC-B2315, SNC-B5395)

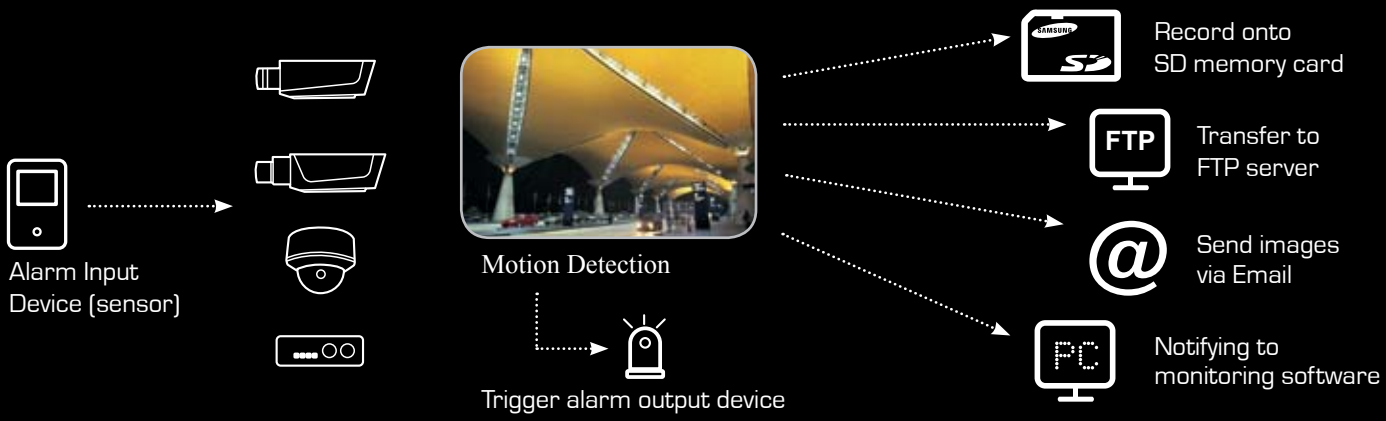
With dual-encoding capability, SNC-M300, SNC-5395, SNT-1010 can generate and transfer both MJPEG and MPEG4 images simultaneously at 30fps (PAL 25fps) even though the image size is set to D1 resolution.

This dual encoding and streaming and capability is useful for transferring MPEG4 images over limited network bandwidth, while also storing high resolution MJEG images tot he Network Recording Software or NVR device.

SURPRISE Capability

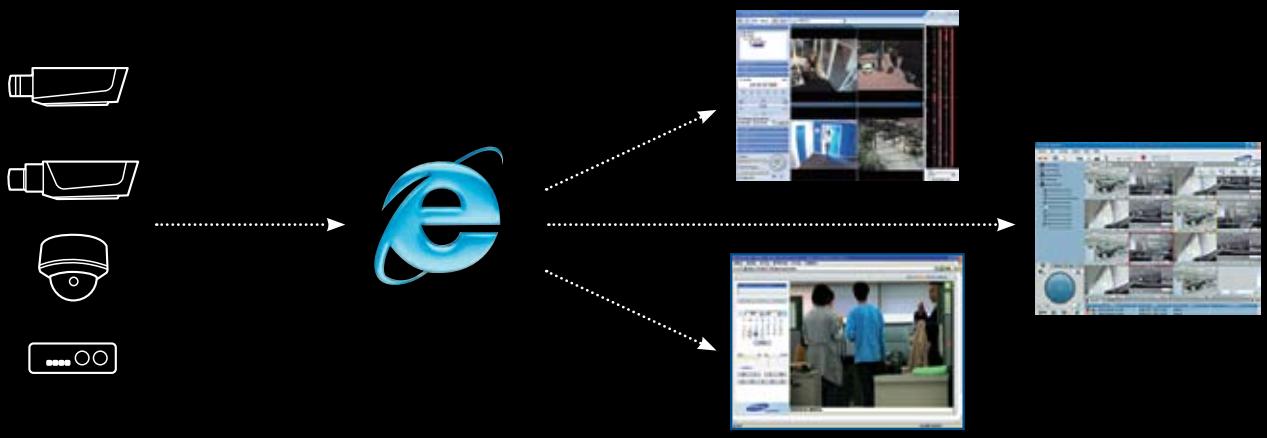
+ Alarm & Motion Detection (SNC-M300, SNC-B2315, SNC-B5395)

After a specific area has been selected for monitoring, if movement is detected in that area, the camera will trigger alarm outputs and Pre/Post images will be transmitted to FTP server, sent via email or recorded onto the SD memory card.



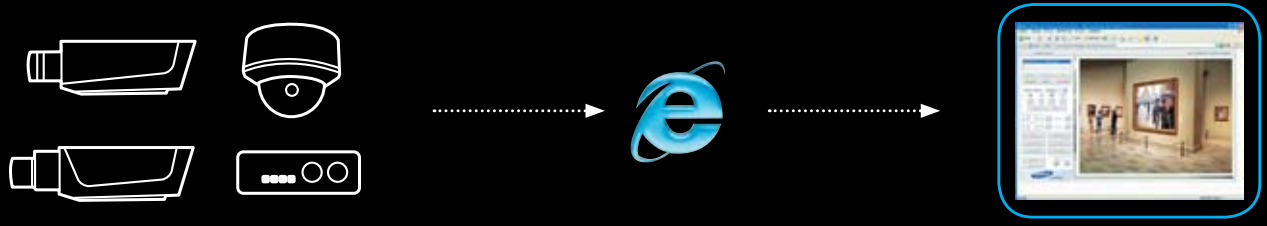
+ Monitoring by Web Browser, NET-i™ CMS and other VMS solutions

(SNC-M300, SNC-B2315, SNC-B5395)



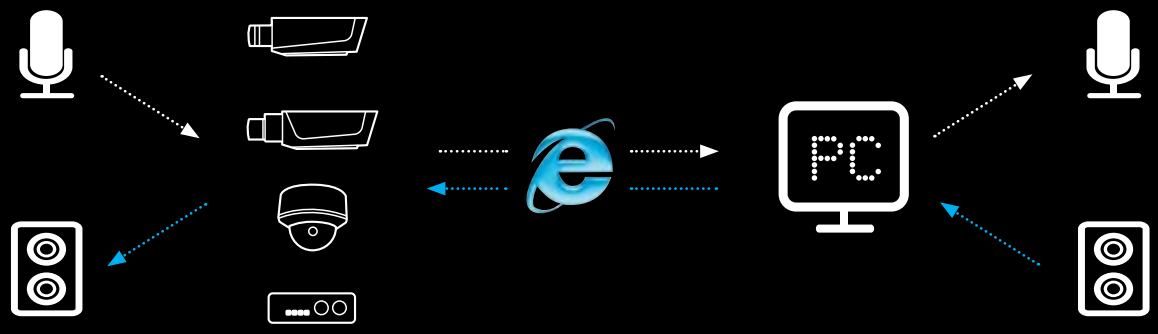
+ Built-in Web Server (SNC-M300, SNC-B2315, SNC-B5395)

With built in webserver, SNC-M300, SNC-B2315, SNC-B5395 and SNT-1010 offer remote network monitoring capability via Microsoft Internet Explorer. This Feature is provided as the default option.



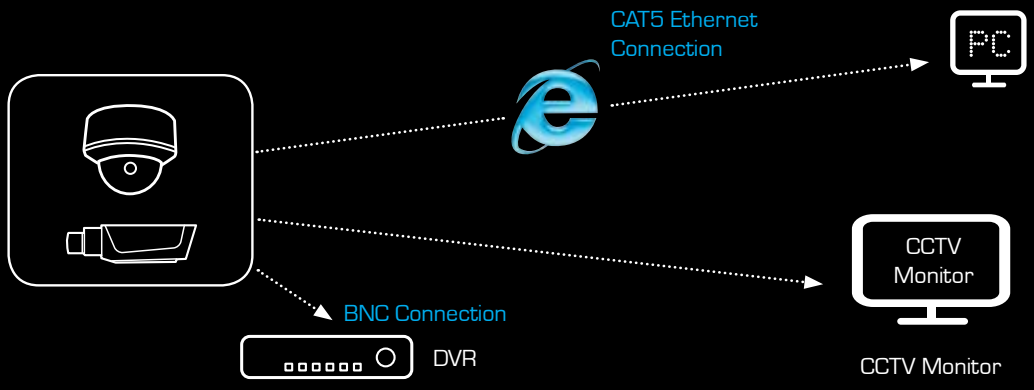
+ 2-Way Audio Communication (SNC-M300, SNC-B2315, SNC-B5395)

With built-in microphone and speaker jack , the network camera can provide 2-way Audio communication between viewer application and camera.
*SNC-M300, SNC-B2315, SNC-B395, SNT-1010 can support Full-Duplex Audio Communication. *Audio compression format is G.711.



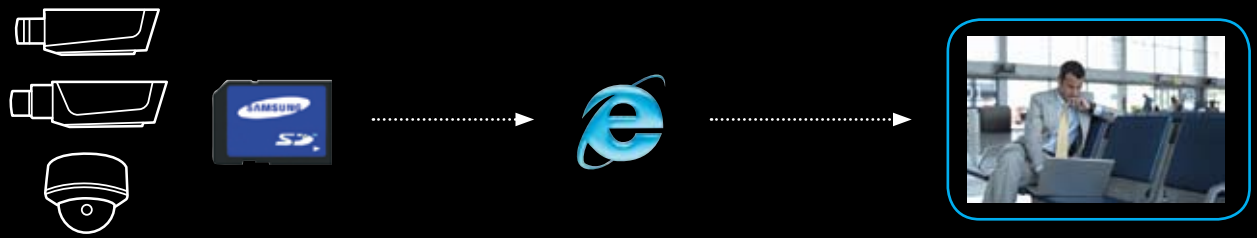
+ Network/ Analogue Hybrid (SNC-B2315, SNC-B5395)

The SNC-B2315, SNC-B5395 enable true hybrid camera operation. With both Ethernet and BNC connections, SNC-B2315, SNC-5395 can simultaneously stream Network video across a network and analogue video via coaxial cabling to support existing analogue equipment.



+ Remote Playback (SNC-M300, SNC-B2315, SNC-B5395)

The Web Viewer or NET-i software will provide various playback and search functions of the images stored on the SD card such as : Time and Date Search, Forward/Reverse Playback, Pause, Fast Forward/Rewind, and Frame Playback and Rewind.



Dual Codec D1 Real-time Network Camera

SNC-B2315

- Real-time 30/25 Image per second at High Resolution (D1)
- MPEG-4 & Motion JPEG Dual Encoding and Streaming Simultaneously
- Video Motion Detection
- Pre/Post Alarm Image Buffering
- WDR (Wide Dynamic Range)
- True Day and Night Function
- Power over Ethernet (PoE) Support
- Bi-Directional Audio Support
- SD Memory Card Slot for Alarm Image Recording

Dual Codec Anti-Vandal Dome Network Camera

SNC-B5395

- Anti-Vandal Vari-focal Dome Camera Network Camera (IP66 Grade)
- Real-time 30/25 Image per second at High Resolution (D1)
- MPEG-4 & Motion JPEG Dual Encoding and Streaming Simultaneously
- Video Motion Detection
- Pre/Post Alarm Image Buffering
- WDR (Wide Dynamic Range)
- True Day and Night Function
- Power over Ethernet (PoE) Support
- Bi-Directional Audio Support
- SD Memory Card Slot for Alarm Image Recording

3 Mega-Pixel Network Camera

SNC-M300

- 3 Mega Pixel Network Camera
- MPEG-4 & Motion JPEG Dual Encoding and Streaming Simultaneously
- 1.3 / 2 / 3 Mega Pixel Resolution (Selectable)
- Video Motion Detection
- Pre/Post Alarm Image Buffering
- DDNS Support
- Power over Ethernet (PoE) Support
- Bi-Directional Audio Support
- SD Memory Card Slot for Alarm Image Recording

32x Zoom Day & Night, Wide Dynamic Range SmartDome Camera

SCC-C6407

- Advanced Digital Image Stabilizer for superior quality images
- 320x zoom, through a combination of 32x optical zoom and 10x digital zoom
- 128x outstanding WDR (Wide Dynamic Range)
- Minimum scene illumination : 0.002(colour)/0.0002(B/W) Lux
- Day & Night Function
- 360° horizontal and 180° vertical turning, at a maximum speed of 400°/sec
- Possible to connect up to a maximum of 256 cameras using the exclusive SSC-1000 controller., which can control a variety functions such as pan, tilt, zoom, preset, pattern and manual focus

Dual Codec 16 Channel Standalone DVR

SHR-5160

- Video recording up to 100ips and 4 channel audio recording
- Recording and network transmission via each codec by adopting dual codec
- Exclusive video processor : image quality improved by more than 30% compared to existing products
- Simultaneous VGA and composite output
- Remote monitoring and control through network : Ethernet, cable network, XDSL
- Fully supported by NET-i™ for easy viewing and setup of video management network
- Various video outputs supported

17" / 19" Professional TFT LCD Monitor

SMT-1721/1921

- 1280 x 1024 resolution
- 1000 : 1 high contrast ratio
- 300 cd/m² high brightness
- 5ms response time
- BNC loop through, S-Video, VGA inputs
- Built-in speakers
- Tempered glass

* 32"/40" Professional Large LCD Monitors are available

Dual Codec 1 Ch Video Encoder

SNT-1010

- Real-time 30/25 Image per second at High Resolution (D1)
- MPEG-4 & Motion JPEG Dual Encoding and Streaming Simultaneously
- Built-in 3-dimensional Noise Filter
- Pre/Post Alarm Image Buffering
- UPnP (Universal Plug and Play)
- Motion Detection
- Bi-Directional Audio Support

16 Channel PC Based NVR

SNR-1162P

- Recording at a maximum speed of 400ips (CIF) / 200ips (Half VGA) / 100ips (VGA)
- Various resolutions can be set for monitoring or recording (CIF/Half VGA/VGA)
- Remote monitoring and control through network : Ethernet, cable network, XDSL
- Fully supported by NET-i for easy viewing and setup of video management network
- 16 channel simultaneous video/audio recording and searching
- Complete remote access : setup control, user administeration, video backup, live viewing and powerful search capabilities

* Design and specifications are subject to change without notice. E. & O. E.

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